

SEQUENCE LISTING

<110> Ranum, Laura P.W.
Koob, Michael

<120> SPINOCEREBELLAR ATAXIA TYPE 8 AND METHODS OF DETECTION

<130> 11000900101

<140> NOT ASSIGNED

<141> 1998-10-28

<160> 18

<170> PatentIn Ver. 2.0

<210> 1

<211> 1159

<212> DNA

<213> Homo sapiens

<400> 1

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atatagtact tcttaaagt caacacattt atcttaaata atttatcgaa gtatgagaag 180
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<210> 2

<211> 1471

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: cDNA
comprising exons D, C, B, and A

<400> 2

atccttcacc tgttgccctgg ctagagttgt ctggctccac tttgagctct tgcagaacca 60
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ccacgtagaa gagagtccctg gctggctgct gagtgccttg cccaggagcc ccttgctgca 180
gcctcgtggc aactggaagc agggcgccat tcagcggatt gaaggaagag gaggaagagg 240
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ttctctcttg gcttttgagc aggcgactct ggctgggtcc ccagtgtctca aagctgccac 360
tgccgtcctg ttgcaggcag cctccccccg cggggccgcc ggtggaagga gacgggtggc 420
tgaagagttt ccagcggagt cgcagaatgt gcttcacatc gaagtctttt cgcccagagc 480
ctgacatgct ttacgcacag aaggcaaaag gctggcagct cacgcagggt tctggagggt 540
gggaagttca agaccaatgc acgagaattt ggtctaaaga gaatcttctt gctctgaaca 600
cacatagtag aaggcagaag ggcaagagag agaacaaagt ctgtgtctcc acatggcaga 660
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<210> 3

<211> 1037

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: cDNA
comprising exons E, C, and A

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agagggtggtt ttatatagtc agtttgtaaa agagaaaaat agatattcta gcgcataatg 180
ggaggcaaaa gaaaaagccc gcctgtgaag ctgtcaaggc cctcacagta caattttctc 240
tctgcctcag cgctcctcc tcccccttct ggaggctggg aagttcaaga ccaatgcacg 300
agaatttggt ctaaagagaa tcttcttgct ctgaacacac atagtagaag gcagaagggc 360
aagagagaga acaaagtctg tgtctccaca tggcagaaga gcagaggaga cagaacctac 420

tcctctatgg caaccacccc atcaatgaca aaaatcctag aaggatgtat gtataggaag 480
 ttgaagtgtt gagaagagaa tggctcagag tcaagcgga acaagattgc cttttctgac 540
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 aaagaattga tttttca 1037

<210> 4
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 4
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<210> 5
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 5
 tttgagaaag gcttgtgagg actgagaatg 30

<210> 6
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 6
 cctcatgtta gaaaactggc ttt 23

<210> 7
 <211> 23
 <212> DNA

241

42

09181525-102899

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 7

accagccag agtcgcctgc tca

23

<210> 8

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 8

gtaagagata agcagtatga ggaagtatg

29

<210> 9

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 9

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26

<210> 10

<211> 682

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: cDNA from BKRP
transcript

<400> 10

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ttatattgaa tggcaagaat gagaacttcc agagatgaaa actcttcaag aacaaggatc 180
tctgtagcgt tacctactga tggtgaaaga gttagtagat caaacagaat agtaggaaac 240
aagaaaacat taaacttata caggaaaaat gtctggccat atgttagtta gttcgggaat 300
ggttattggg aatttgtttt gtattatagc atacaataac tagagttacc aaaggcttgt 360
tttttcttga gcagttgaaa ggagagacca atatttgatga catggatagt ttcatgacca 420
caactcattc aatcatttta tagtctatgg caatatccaa gagattgcca agagtagaag 480

442 43

09181585-102893

acagaatatt tcattctgaca gtattctgatt ggtttactgt ttttctaatac atatgtgggc 540
 ataacgggaa gcagaattat gctttattca aacaaacctg cttctgcctc attttcctaa 600
 gctatgagaa caattagaga aacagattca tgcttgatc ttgcattcag aaaacaaaact 660
 gtcctactaa tcaaagctgc at 682

<210> 11
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 11
 cttcatcgtc ctccccgtcc tctt 24

<210> 12
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 12
 gccctatccc aattccttgg ctaga 25

<210> 13
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 13
 gtctagccaa ggaattggga tagggcttc 29

<210> 14
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 14
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143 44

143 44

<210> 15
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 15
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<210> 16
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 16
ttgaatggcc gggtgatgac ag 22

<210> 17
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 17
ctgctgagtg ccctgcccag gag 23

<210> 18
<211> 25
<212> DNA
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<220>
<223> Description of Artificial Sequence: Primer

<400> 18
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09181535.102898

44 45